

FIG. 1

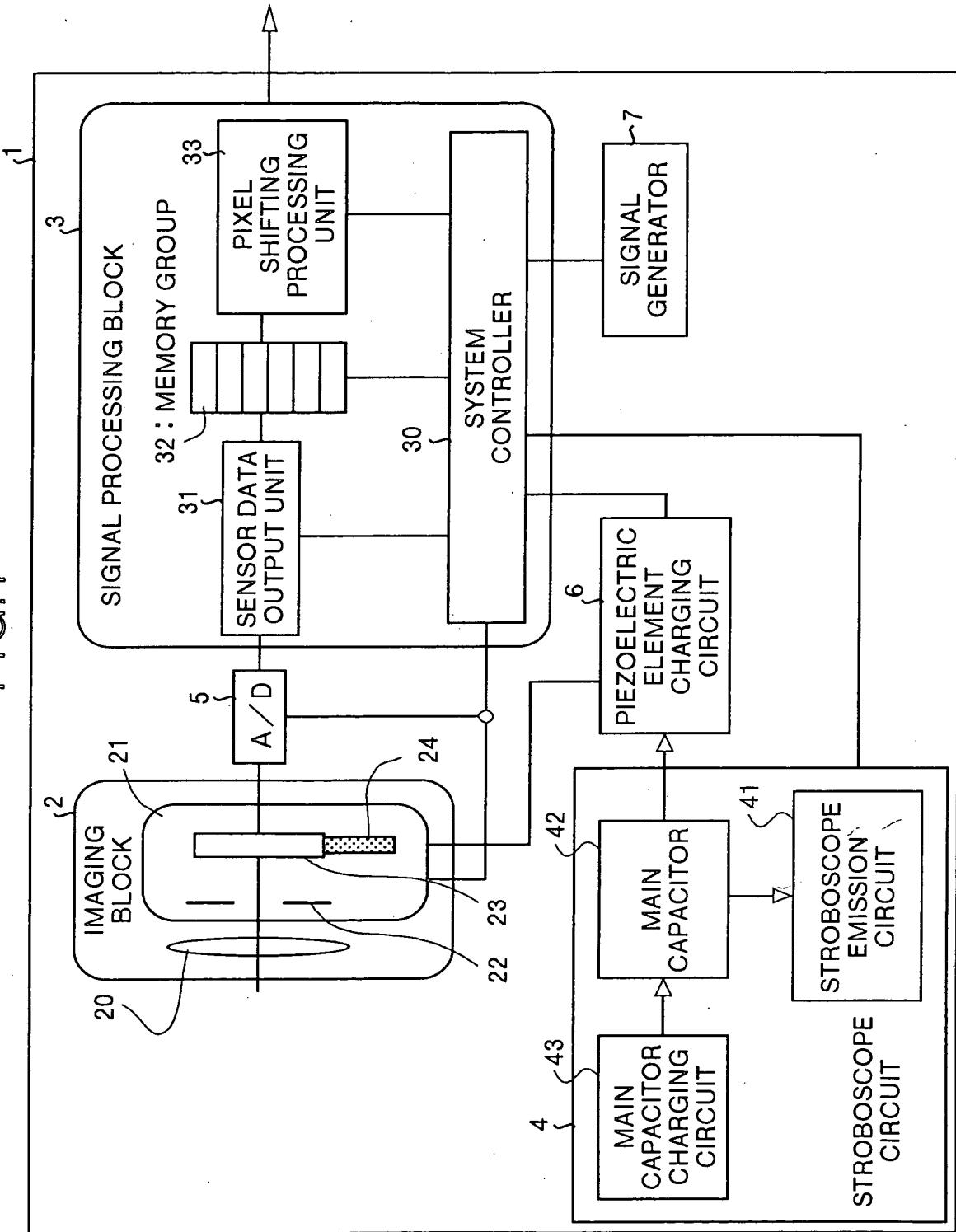


FIG.2

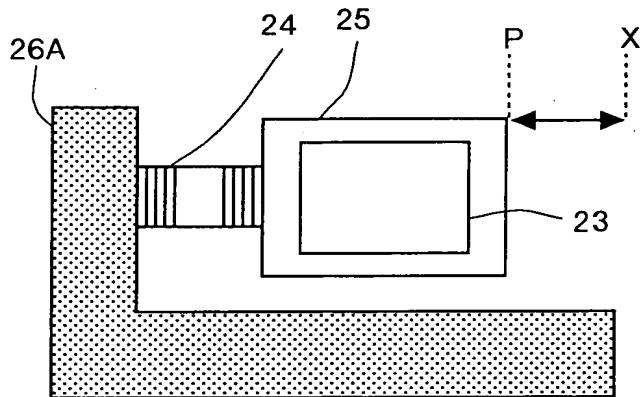
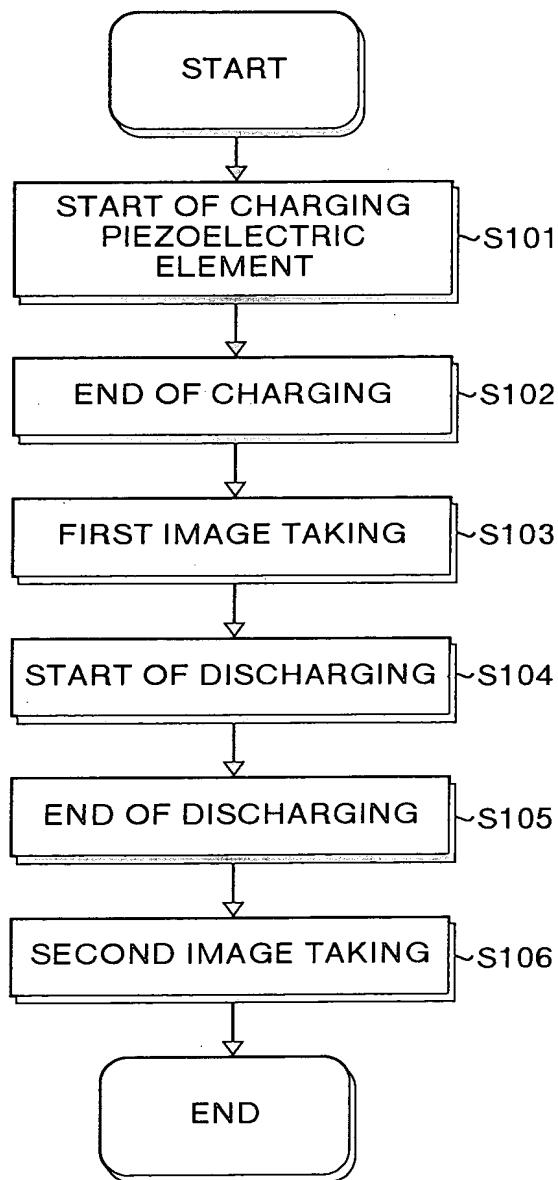
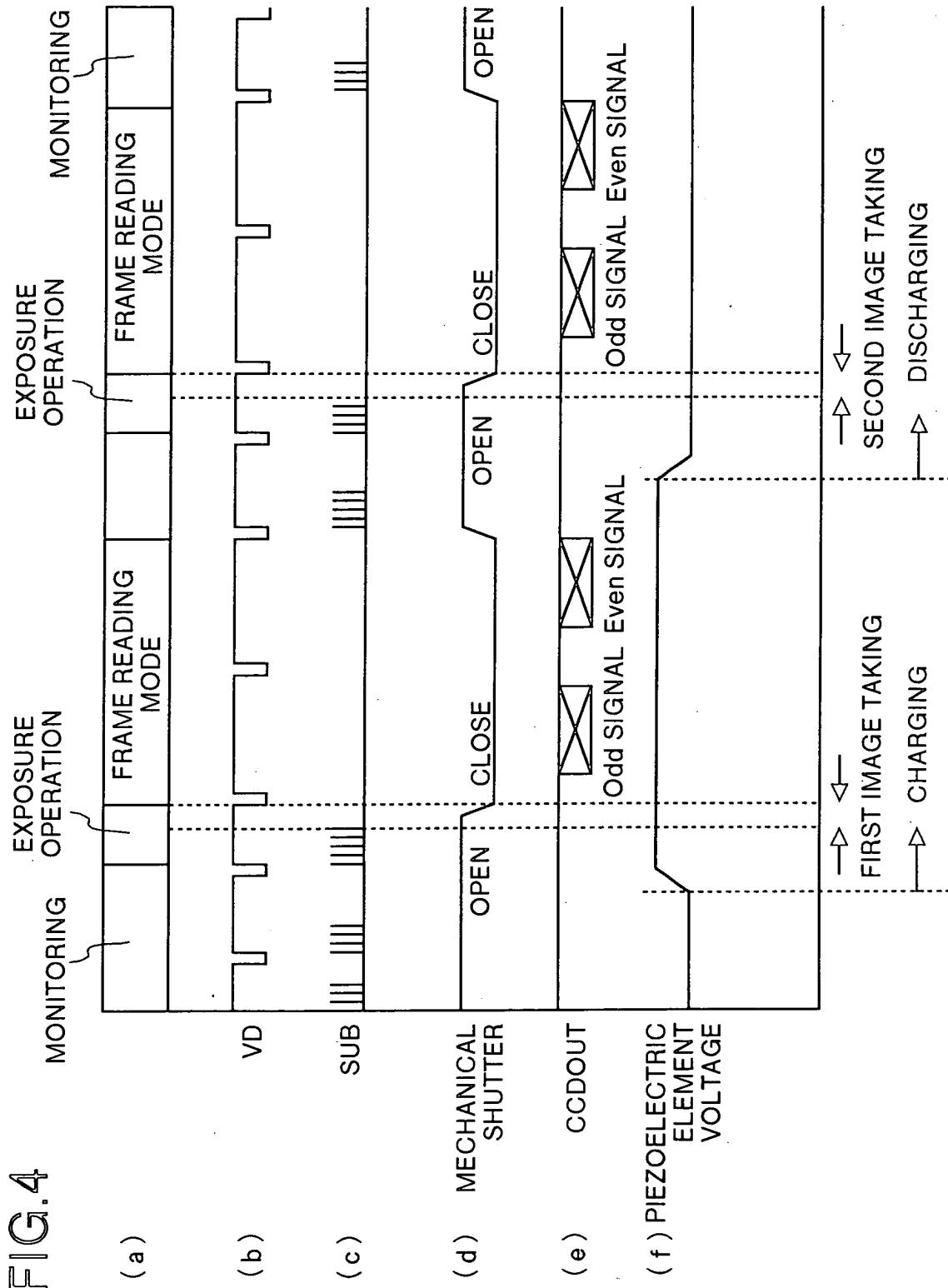


FIG. 3





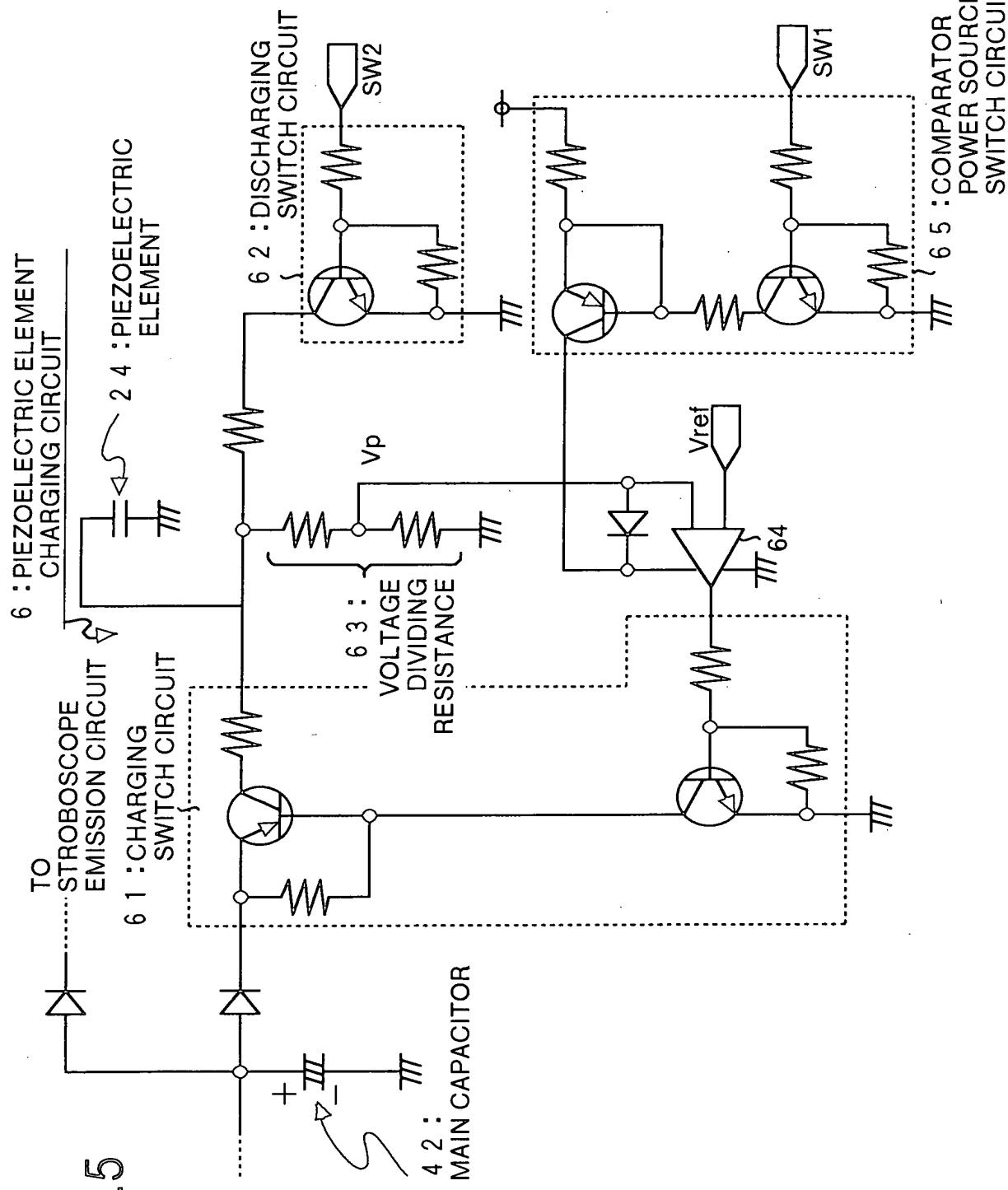


FIG.6

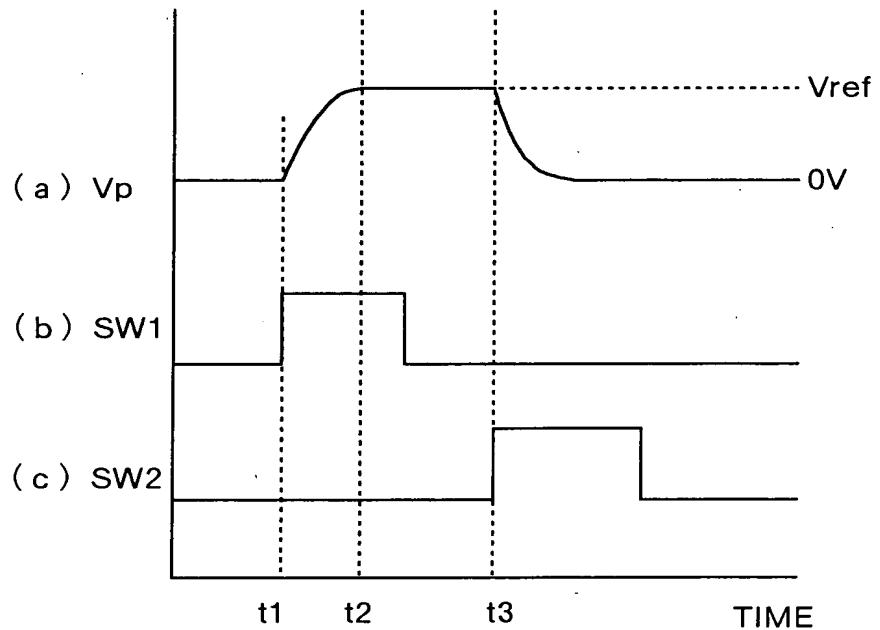
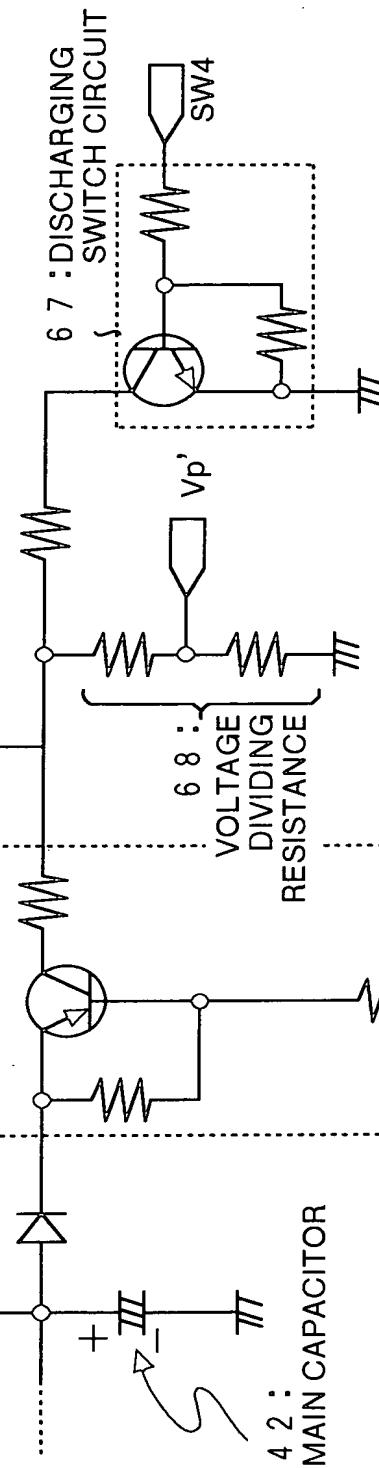
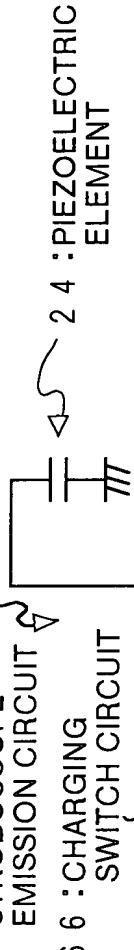


FIG. 7

6 : PIEZOELECTRIC ELEMENT CHARGING CIRCUIT



4 2 :
 MAIN CAPACITOR

FIG.8

